



## SEQUENCE LISTING

&lt;110&gt; Thuy Pham Beier

&lt;120&gt; Viral Detection System

&lt;130&gt; 02011518-HT

&lt;140&gt; 09/866,261

&lt;141&gt; 2001-05-25

&lt;150&gt; 09/159,325

&lt;151&gt; 1998-09-23

&lt;150&gt; 60/061,287

&lt;151&gt; 1997-10-07

&lt;160&gt; 26

&lt;170&gt; FastSEQ for Windows Version 4.0

&lt;210&gt; 1

&lt;211&gt; 205

&lt;212&gt; DNA

&lt;213&gt; Avian Leukosis / sarcoma Virus

&lt;400&gt; 1

ctacagctgt taggttccca gtctctccct aacattacta atattactca gatctccggt	60
gtaaccgggg gatgcgtagg cttcaggcca aaaggggttc cttggtatct gggttggtct	120
agacaggaag ccacgcggtt tctccttaga cgccctctt tctctaactc ctogaaccg	180
tttacagtgg tgacagcgga taggc	205

&lt;210&gt; 2

&lt;211&gt; 229

&lt;212&gt; DNA

&lt;213&gt; Avian Leukosis / sarcoma Virus

&lt;400&gt; 2

ctacaactgc taggttccca gtctctcccc aatataacta atattactcg gatccccagt	60
gtggctggag gatgcatagg ctttacccca tacgatagtc cggctggtgt ctacggatgg	120
gaccggagag aggttacaca catccttctg accgaccag ggaacaatcc tttctttgat	180
aaggcctcta actcctcgaa accgtttaca gtagtgacag cggacaggc	229

&lt;210&gt; 3

&lt;211&gt; 211

&lt;212&gt; DNA

&lt;213&gt; Avian Leukosis / sarcoma Virus

&lt;400&gt; 3

ctgcagctgc taggttccca gtctctccct aacgttacta acattactca ggtctctggc	60
gtggccgggg gatgtgtata ttctgcccc agggccactg gcctgtttct aggttggtct	120
aaacaaggtc tctcgcggtt cctcctccgt cacccttta cctccacctc taactccacg	180
gaaccgttca cgggtggtgac agaggataga c	211

&lt;210&gt; 4

&lt;211&gt; 229

RECEIVED #4

MAR 22 2002

TECH CENTER 1600/2900

RECEIVED

APR 08 2002

TECH CENTER 1600/2900

RECEIVED  
APR 05 2002  
TC 1700RECEIVED  
MAR 28 2002  
Technology Center 2100RECEIVED  
APR 29 2002  
TECH CENTER 1600/2900

<212> DNA  
<213> Avian Leukosis / sarcoma Virus

<400> 4  
ctgcagctgt taggctccca gtctctccta atatcgctaa tattactcag atccctggtg 60  
tggcaggagg atgcataggc ttccacccat acggcagtcg ggctgggtgt tacgggtggg 120  
ggcgggaaga ggtgacacac atcctcttaa ccaaccccc tgabaatcct ttcttbaacc 180  
gtgcttctaa ctccacggaa ccggttacgg tgggtgacag cggabaggg 229

<210> 5  
<211> 228  
<212> DNA  
<213> Avian Leukosis / sarcoma Virus

<400> 5  
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gtaaccgggg gatgcgtagg ctccgcccc cactccaatc caagtgggtgt ctacgggtgg 120  
ggcgggagac aggttacaca caacttcttg atcgccccgt gggccaatcc tttctttaac 180  
agcgttctta actccacgga accgttacgg tgggtgacag ggataggc 228

<210> 6  
<211> 202  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(202)  
<223> PCR product

<400> 6  
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accggaggag gcgtaggctt tagaccagga gggatccctt ggtatatagg atggactaga 120  
caggaagcca caccgttctt ccttagacaa tcttcctttt ctaattccac ggaaccattt 180  
accgtgggtga cagcggatag gc 202

<210> 7  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 7  
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<210> 8  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 8  
gcctatccgc tgtcaccact g 21

<210> 9  
<211> 202  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(202)  
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<400> 9  
acagctgtta ggttcccagt tttccctca cattataata ttactcaaat ttctggtgta 60  
accggaggag gcgtaggctt tagaccagga gggatcccct ggtatatagg atggactaga 120  
caggaagcca cacggttcct ccttagacaa tcctcctttt ctaattccac ggaaccattt 180  
acggtggtga cagcggatag gc 202

<210> 10  
<211> 226  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(226)  
<223> PCR product

<400> 10  
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actgggggat gcgtaggctt caccacacac tccaatccaa gtggtgttta cgggtggggc 120  
cggagacagg ttacacacaa cctcttgatc gccccgtggg tcaatccttt ctttaacagc 180  
gcttctaact ccacggaacc gtttacggtg gtgacagcgg ataggc 226

<210> 11  
<211> 225  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(225)  
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<400> 11  
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actgggggat gcgtaggctt caccacacac tccaatccaa gtggtgttta cgggtggggc 120  
cggagacagg ttacacacaa cttcttgatc gccccgtggg tcaatccttt ctttaacagc 180  
gcttctaact ccacggaacc gtttacggtg gtgacagcgg atagg 225

<210> 12  
<211> 229  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(229)  
<223> PCR product

<400> 12  
ctacagctgt taggttccca gtctctccct aacattacta atattactca gatttctggt 60  
gtaaccgggg gatgcgtagg cttcgcccc cactccaatc caagtgggtgt ctacgggtgg 120  
ggccggagac aggttaacaca caacttcttg atcgccccgt gggccaatcc tttctttaac 180  
agcgcttcta actccacgga accgtttacg gtggtgacag cggataggc 229

<210> 13  
<211> 224  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(224)  
<223> PCR product

<400> 13  
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cgggggatgc gtaggcttca ccccaactc caatccaagt ggtgtttacg ggtggggcgc 120  
gagacaggtt acacacaact tcttgatcgc cccgtgggtc aatcctttct ttaacagcgc 180  
ttctaactcc acggaaccgt ttacggtggt gacagcggat aggc 224

<210> 14  
<211> 203  
<212> DNA  
<213> Avian

<220>  
<221> prim\_transcript  
<222> (1)...(203)  
<223> PCR product

<400> 14  
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aaccggagga tgcgtaggct ttagaccagg agggatcccc tggatatgg gatggactag 120  
acaggaagcc acacggttcc tccttaaaca atcctccttt tctaattcca cggaaccatt 180  
tacggtggtg acagcgata ggc 203

<210> 15  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 15  
ctrcarctgy taggytccca g 21

<210> 16  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 16

gycaycactg tgcctrtrcc g	21
<210> 17	
<211> 20	
<212> DNA	
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<220>	
<223> Oligonucleotide	
<400> 17	
ggcttcaggc caaaaggggt	20
<210> 18	
<211> 22	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 18	
gtgcattgcc acagcggtac tg	22
<210> 19	
<211> 20	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 19	
ggctttaccc catacgatag	20
<210> 20	
<211> 21	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide	
<400> 20	
acacatcctg acagatggac c	21
<210> 21	
<211> 20	
<212> DNA	
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<220>	
<223> Oligonucleotide	
<400> 21	
tatttcgccc caagggccac	20
<210> 22	

<211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide  
  
 <400> 22  
 ccacgtctcc acagcggtaa gt 22  
  
 <210> 23  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide  
  
 <400> 23  
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 <210> 24  
 <211> 21  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide  
  
 <400> 24  
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 <210> 25  
 <211> 20  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide  
  
 <400> 25  
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 <210> 26  
 <211> 22  
 <212> DNA  
 <213> Artificial Sequence  
  
 <220>  
 <223> Oligonucleotide  
  
 <400> 26  
 gcacatctcc acagtgtaa at 22